

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Worth 3-4744

For release September 16, 1960

Washington 25, D. C.

Vol. 9, No. 36

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 10, 1960

For the week ended September 10, a total of 154 cases of poliomyelitis was reported; of these 105 were paralytic. This is a sizable decrease in total cases from the revised figure for the previous week—217 cases, of which 118 were paralytic. For the week ended September 12, 1959, the total was 511, including 294 paralytic cases.

Although the total number of cases was smaller this week, several States reported increases. Eight paralytic cases were reported in Maine; 16 cases, of which 8 were paralytic, were reported in Indiana; and 8 cases, unspecified as to paralytic status, were reported in Wyoming. No report was received as to location of the cases in these States. Twenty-one paralytic cases were reported in California—15 in Los Angeles County and the rest scattered. Illinois, Ohio, and Texas—States which reported relatively large figures for the previous week, reported only 6, 5, and 5 cases, respectively, for the current

week. The cases reported earlier were scattered. Only 3 cases, all unspecified, were reported in Kentucky compared with 22 for the previous week. Four deaths due to poliomyelitis were reported, 1 in Connecticut and 3 in California.

In Canada, through August 20, 320 cases of paralytic poliomyelitis had been reported compared with 667 for the same period in 1959. The 1960 cumulative total to date is one of the lowest for the comparable 33-week period during the epidemic years since 1949. The highest total for the 33-week period was 1,143 cases in 1953 followed by 667 cases in 1959. About one-third of the cases this year have been in British Columbia.

A total of 176 cases of aseptic meningitis were reported for the current week compared with 120 for the previous week. Forty-two of the cases occurred in California and 30 in Kentucky, where 49 cases of unspecified poliomyelitis have been reported during the past month.

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports)

Disease (Seventh Revision of International Lists, 1955)	36th week			Cumulative						Approximate seasonal low point
	Ended Sept. 10, 1960 ¹	Ended Sept. 12, 1959	Median 1955-59	First 36 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1959-60 ¹	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	-	-	12	12	14	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	-	8	13	6	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	7	7	15	558	526	685	(²)	(²)	(²)	(²)
Diphtheria-----055	14	22	22	428	521	647	99	124	143	July 1
Encephalitis, infectious-----082	55	90	67	1,268	1,347	1,306	655	769	733	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	674	339	301	26,177	15,462	14,044	674	339	301	Sept. 1
Malaria-----110-117	-	3	4	45	56	111	(²)	(²)	(²)	(²)
Measles-----085	719	912	912	400,577	364,227	519,009	719	912	912	Sept. 1
Meningitis, aseptic-----340 pt.	176	-	-	1,774	-	-	-	-	-	-
Meningococcal infections-----057	28	30	37	1,563	1,609	1,858	28	30	37	Sept. 1
Poliomyelitis-----080	154	511	511	1,753	4,952	4,952	1,536	4,659	4,659	Apr. 1
Paralytic-----080.0,080.1	105	294	294	1,182	3,118	3,118	1,029	2,910	2,910	Apr. 1
Nonparalytic-----080.2	27	173	173	387	1,394	2,298	350	1,346	2,132	Apr. 1
Unspecified-----080.3	22	44	47	184	440	702	157	403	613	Apr. 1
Pittacosis-----096.2	1	-	1	72	78	192	(²)	(²)	(²)	(²)
Rabies in man-----094	3 ¹	-	-	2	3	4	(²)	(²)	(²)	(²)
Streptococcal sore throat, including scarlet fever-----050,051	2,915	-	-	226,796	-	-	-	-	-	-
Typhoid fever-----040	23	19	35	544	539	926	417	412	665	Apr. 1
Typhus fever, endemic-----101	-	3	5	51	31	76	46	25	56	Apr. 1
Rabies in animals-----	44	60	64	2,637	2,694	3,377	3,686	3,600	4,229	Oct. 1

¹Data exclude report from Delaware for the current week.

²Data show no pronounced seasonal change in incidence.

³Reported in Georgia.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 12, 1959, AND SEPTEMBER 10, 1960

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undul- ant fever) 044
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	36th week		Cumulative, first 36 weeks		36th week		Cumulative, first 36 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	154	511	1,753	4,952	105	294	1,182	3,118	27	173	176	7
NEW ENGLAND-----	18	23	158	183	13	15	124	122	5	6	4	-
Maine-----	8	3	18	6	8	3	18	6	-	-	1	-
New Hampshire-----	-	1	-	3	-	1	-	2	-	-	-	-
Vermont-----	2	1	3	2	-	1	1	2	2	-	-	-
Massachusetts-----	2	11	25	78	2	7	17	52	-	2	3	-
Rhode Island-----	3	-	94	3	1	-	73	3	2	-	-	-
Connecticut-----	3	7	18	91	2	3	15	57	1	4	-	-
MIDDLE ATLANTIC-----	26	66	225	349	22	37	171	194	3	18	11	-
New York-----	10	41	127	206	8	16	92	105	1	14	5	-
New Jersey-----	9	9	48	74	7	8	37	39	2	1	5	-
Pennsylvania-----	7	16	50	69	7	13	42	50	-	3	1	-
EAST NORTH CENTRAL-----	35	103	279	686	19	29	144	284	7	63	39	1
Ohio-----	6	15	68	174	4	4	29	73	1	7	10	-
Indiana-----	16	7	60	89	8	4	30	63	1	3	2	-
Illinois-----	5	26	91	144	2	13	58	74	3	9	15	1
Michigan-----	4	51	45	251	4	7	23	60	-	43	10	-
Wisconsin-----	4	4	15	28	1	1	4	14	2	1	2	-
WEST NORTH CENTRAL-----	15	112	95	1,048	10	56	51	537	4	42	22	4
Minnesota-----	4	19	31	119	4	12	24	92	-	7	18	-
Iowa-----	3	41	17	341	1	20	3	167	2	21	1	3
Missouri-----	2	23	15	318	2	12	9	177	-	4	-	-
North Dakota-----	-	3	7	6	-	3	3	3	-	-	-	-
South Dakota-----	-	2	3	13	-	-	1	1	-	-	-	1
Nebraska-----	4	8	10	105	2	4	7	58	2	4	-	-
Kansas-----	2	16	12	146	1	5	4	39	-	6	3	-
SOUTH ATLANTIC ² -----	16	69	282	736	11	58	194	570	5	7	4	-
Delaware-----	-	-	2	5	-	-	2	5	-	-	-	-
Maryland-----	2	2	23	11	2	2	20	11	-	-	-	-
District of Columbia-----	-	2	-	5	-	1	-	4	-	1	-	-
Virginia-----	2	21	11	176	2	21	9	144	-	-	-	-
West Virginia-----	-	22	29	98	-	19	24	80	-	3	1	-
North Carolina-----	5	10	63	145	1	8	37	123	4	2	-	-
South Carolina-----	4	3	98	49	3	-	65	25	1	-	-	-
Georgia-----	3	4	12	104	3	4	10	79	-	-	-	-
Florida-----	-	5	46	143	-	3	29	99	-	1	3	-
EAST SOUTH CENTRAL-----	5	41	114	538	2	29	57	397	-	10	37	-
Kentucky-----	3	4	57	33	-	4	5	30	-	-	30	-
Tennessee-----	1	22	20	229	1	15	15	166	-	5	3	-
Alabama-----	1	12	11	195	1	8	11	162	-	4	1	-
Mississippi-----	-	3	26	81	-	2	26	39	-	1	3	-
WEST SOUTH CENTRAL-----	8	46	192	827	6	30	111	554	2	16	16	1
Arkansas-----	1	15	20	200	1	10	9	166	-	5	-	1
Louisiana-----	-	5	40	101	-	5	26	75	-	-	-	-
Oklahoma-----	2	9	10	120	1	7	6	65	1	2	1	-
Texas-----	5	17	122	406	4	8	70	248	1	9	15	-
MOUNTAIN-----	10	14	54	130	1	9	22	76	1	5	-	1
Montana-----	-	-	13	7	-	-	9	2	-	-	-	-
Idaho-----	-	-	5	5	-	-	1	-	-	-	-	-
Wyoming-----	8	-	16	2	-	-	-	1	-	-	-	-
Colorado-----	1	3	7	15	1	3	6	13	-	-	-	-
New Mexico-----	1	2	5	29	-	1	1	15	1	1	-	-
Arizona-----	-	6	4	62	-	3	4	40	-	3	-	-
Utah-----	-	1	4	6	-	-	1	2	-	1	-	-
Nevada-----	-	2	-	4	-	2	-	3	-	-	-	1
PACIFIC-----	21	37	354	455	21	31	308	384	-	6	43	-
Washington-----	-	7	20	86	-	7	20	86	-	-	1	-
Oregon-----	-	10	26	101	-	6	15	77	-	4	-	-
California-----	21	20	299	256	21	18	264	214	-	2	42	-
Alaska-----	-	-	2	12	-	-	2	7	-	-	-	-
Hawaii-----	-	-	7	(4)	-	-	7	(4)	-	-	-	-
Puerto Rico-----	7	-	418	3	7	-	413	3	-	-	-	-

¹Includes cases not specified by type, category number 080.3.

²Data exclude report from Delaware for the current week.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 12, 1959, AND SEPTEMBER 10, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092, N998.5 pt.				Measles	
	36th week		Cumulative, first 36 weeks		082		36th week		Cumulative, first 36 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	14	22	428	521	55	90	674	339	26,177	15,462	719	912
NEW ENGLAND-----	-	-	10	5	2	-	19	9	789	496	54	46
Maine-----	-	-	2	-	-	-	1	1	47	83	11	13
New Hampshire-----	-	-	-	-	-	-	-	-	25	13	3	4
Vermont-----	-	-	-	-	-	-	-	1	11	23	1	8
Massachusetts-----	-	-	7	5	1	-	5	6	392	227	26	15
Rhode Island-----	-	-	1	-	1	-	7	1	156	50	4	1
Connecticut-----	-	-	-	-	-	-	6	-	158	100	9	5
MIDDLE ATLANTIC-----	-	1	13	44	6	13	89	59	2,987	2,326	107	99
New York-----	-	1	3	23	-	7	49	37	1,593	1,370	82	75
New Jersey-----	-	-	2	9	1	1	3	6	208	256	10	17
Pennsylvania-----	-	-	8	12	5	5	37	16	1,186	700	15	7
EAST NORTH CENTRAL-----	-	1	35	25	8	29	131	34	4,778	2,526	209	166
Ohio-----	-	1	15	8	1	17	32	13	1,604	750	29	11
Indiana-----	-	-	5	4	-	8	9	5	545	239	13	14
Illinois-----	-	-	4	9	7	1	53	9	994	536	18	44
Michigan-----	-	-	9	2	-	2	35	4	1,464	853	37	30
Wisconsin-----	-	-	2	2	-	1	2	3	171	148	112	87
WEST NORTH CENTRAL-----	1	2	22	39	4	2	46	24	1,866	1,231	26	35
Minnesota-----	1	-	6	16	-	-	10	4	215	307	3	-
Iowa-----	-	-	5	3	-	1	4	6	313	116	8	3
Missouri-----	-	1	2	4	-	-	19	4	688	338	-	-
North Dakota-----	-	-	1	2	-	-	1	4	139	241	14	30
South Dakota-----	-	-	5	3	-	-	1	1	124	34	-	-
Nebraska-----	-	1	1	9	-	-	5	3	193	58	1	2
Kansas-----	-	-	2	-	4	1	7	2	194	137	(*)	(*)
SOUTH ATLANTIC ² -----	3	12	122	142	8	5	73	23	3,098	1,368	38	43
Delaware-----	-	-	2	-	-	-	-	1	188	81	-	2
Maryland-----	-	-	1	7	-	1	6	3	314	315	6	5
District of Columbia-----	-	-	-	-	1	1	1	-	39	12	1	1
Virginia-----	1	-	13	8	1	3	9	5	614	315	16	14
West Virginia-----	-	1	4	2	1	-	14	2	580	239	9	8
North Carolina-----	-	1	5	14	-	-	2	4	266	84	1	1
South Carolina-----	1	4	38	17	-	-	-	1	47	26	-	6
Georgia-----	-	3	20	47	2	-	9	-	207	106	2	-
Florida-----	1	3	41	47	3	-	32	7	843	190	3	6
EAST SOUTH CENTRAL-----	4	3	45	58	9	7	95	45	3,764	1,391	63	54
Kentucky-----	-	-	1	7	-	-	27	19	1,398	653	1	8
Tennessee-----	1	-	7	6	5	7	30	4	1,234	319	60	29
Alabama-----	1	3	21	14	-	-	24	16	811	304	-	1
Mississippi-----	2	-	16	31	4	-	14	6	321	115	2	16
WEST SOUTH CENTRAL-----	4	3	145	178	10	22	39	25	2,154	1,225	58	121
Arkansas-----	1	-	5	34	1	-	-	2	110	62	-	-
Louisiana-----	1	3	30	44	-	-	4	1	110	98	-	2
Oklahoma-----	2	-	9	2	1	-	6	7	270	169	1	1
Texas-----	-	-	101	98	8	22	29	15	1,664	896	57	118
MOUNTAIN-----	2	-	35	18	3	8	61	43	2,123	2,075	81	127
Montana-----	-	-	3	-	-	-	5	3	90	195	21	23
Idaho-----	-	-	11	-	1	-	6	5	255	218	1	12
Wyoming-----	-	-	5	-	2	1	-	1	22	47	3	1
Colorado-----	-	-	3	7	-	1	14	8	765	642	24	14
New Mexico-----	-	-	4	8	-	2	9	5	259	398	-	12
Arizona-----	-	-	3	2	-	2	9	18	480	416	13	8
Utah-----	2	-	6	-	-	2	6	3	192	139	18	57
Nevada-----	-	-	-	1	-	-	12	-	60	20	1	-
PACIFIC-----	-	-	1	12	5	4	121	77	4,618	2,824	83	201
Washington-----	-	-	-	-	-	-	16	3	520	372	2	10
Oregon-----	-	-	-	3	-	-	28	24	764	575	43	33
California-----	-	-	-	4	5	4	74	36	3,119	1,824	35	73
Alaska-----	-	-	1	5	-	-	2	14	150	53	3	85
Hawaii-----	-	-	-	(2)	-	-	1	-	65	(33)	-	(47)
Puerto Rico-----	-	-	105	20	-	-	1	7	568	211	2	11

²Data exclude report from Delaware for the current week.

Morbidity and Mortality Weekly Report

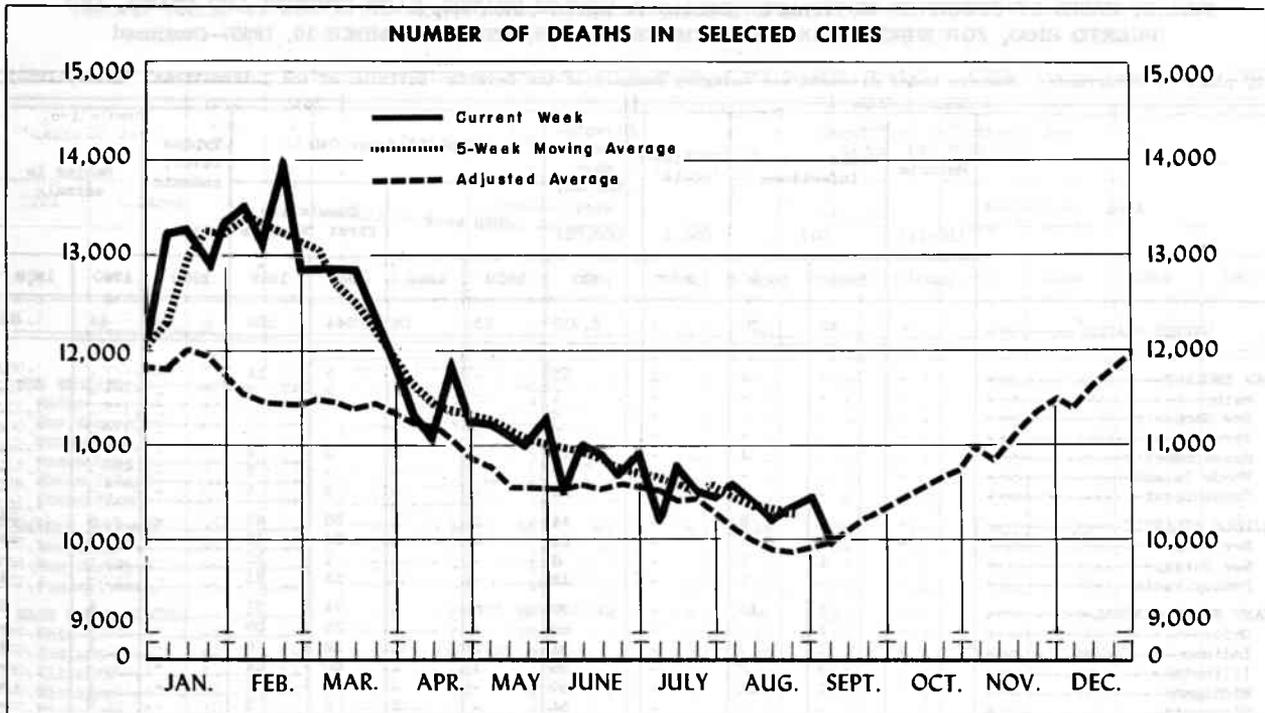
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 12, 1959, AND SEPTEMBER 10, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	36th week		Cumulative, first 36 weeks		101		
	1960	1959	1960	1959	1960	1960	1959	1960	1959	1960	1960	1959	
UNITED STATES ²	-	28	30	1	2,915	23	19	544	539	-	44	60	
NEW ENGLAND-----	-	-	1	1	53	-	2	8	14	-	-	-	
Maine-----	-	-	-	-	1	-	-	2	2	-	-	-	
New Hampshire-----	-	-	-	-	2	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	2	-	-	-	-	-	-	-	
Massachusetts-----	-	-	1	-	11	-	2	3	5	-	-	-	
Rhode Island-----	-	-	-	-	8	-	-	-	2	-	-	-	
Connecticut-----	-	-	-	1	29	-	-	3	5	-	-	-	
MIDDLE ATLANTIC-----	-	5	6	-	44	1	1	38	49	-	4	23	
New York-----	-	4	-	-	24	1	-	24	18	-	4	22	
New Jersey-----	-	1	5	-	8	-	-	1	10	-	-	-	
Pennsylvania-----	-	-	1	-	12	-	1	13	21	-	-	1	
EAST NORTH CENTRAL-----	-	7	13	-	190	5	4	74	71	-	4	2	
Ohio-----	-	1	-	-	29	1	-	19	39	-	2	-	
Indiana-----	-	1	-	-	51	3	1	22	8	-	1	1	
Illinois-----	-	3	2	-	26	1	1	20	14	-	-	-	
Michigan-----	-	2	11	-	50	-	-	8	7	-	1	1	
Wisconsin-----	-	-	-	-	34	-	2	5	3	-	-	-	
WEST NORTH CENTRAL-----	-	3	2	-	206	3	-	32	33	-	11	11	
Minnesota-----	-	2	2	-	5	-	-	1	-	-	3	4	
Iowa-----	-	-	-	-	12	1	-	6	2	-	3	2	
Missouri-----	-	-	-	-	141	2	-	19	13	-	3	2	
North Dakota-----	-	1	-	-	39	-	-	1	4	-	-	-	
South Dakota-----	-	-	-	-	-	-	-	2	3	-	-	-	
Nebraska-----	-	-	-	-	-	-	-	2	4	-	2	3	
Kansas-----	-	-	-	-	9	-	-	1	7	-	-	-	
SOUTH ATLANTIC ² -----	-	3	6	-	155	2	3	83	97	-	9	4	
Delaware-----	-	-	-	-	-	-	-	21	-	-	-	-	
Maryland-----	-	-	1	-	7	-	-	3	3	-	-	-	
District of Columbia-----	-	-	-	-	2	1	-	7	3	-	-	-	
Virginia-----	-	1	1	-	8	-	-	18	17	-	6	2	
West Virginia-----	-	-	-	-	60	-	-	6	9	-	3	1	
North Carolina-----	-	-	3	-	6	-	-	8	10	-	-	-	
South Carolina-----	-	-	-	-	19	1	2	11	9	-	-	-	
Georgia-----	-	2	-	-	-	-	-	20	24	-	-	1	
Florida-----	-	-	1	-	53	-	1	9	22	-	-	-	
EAST SOUTH CENTRAL-----	-	2	-	-	813	3	2	71	72	-	1	15	
Kentucky-----	-	-	-	-	95	-	-	14	11	-	1	9	
Tennessee-----	-	1	-	-	696	3	1	40	40	-	-	3	
Alabama-----	-	1	-	-	10	-	-	12	7	-	-	3	
Mississippi-----	-	-	-	-	12	-	1	5	14	-	-	-	
WEST SOUTH CENTRAL-----	-	5	1	-	602	2	5	160	114	-	8	2	
Arkansas-----	-	-	-	-	-	-	-	37	22	-	1	2	
Louisiana-----	-	4	1	-	-	1	-	54	14	-	2	-	
Oklahoma-----	-	1	-	-	11	-	-	10	15	-	-	-	
Texas-----	-	-	-	-	591	1	5	59	63	-	5	-	
MOUNTAIN-----	-	-	1	-	510	2	1	30	29	-	6	-	
Montana-----	-	-	-	-	32	1	1	9	2	-	-	-	
Idaho-----	-	-	-	-	24	-	-	2	4	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	4	3	-	-	-	
Colorado-----	-	-	-	-	116	-	-	-	4	-	5	-	
New Mexico-----	-	-	-	-	146	1	-	8	11	-	-	-	
Arizona-----	-	-	1	-	123	-	-	6	5	-	1	-	
Utah-----	-	-	-	-	69	-	-	1	-	-	-	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	
PACIFIC-----	-	3	-	-	342	5	1	48	60	-	1	3	
Washington-----	-	-	-	-	56	2	-	6	1	-	-	-	
Oregon-----	-	-	-	-	8	-	-	7	5	-	-	-	
California-----	-	3	-	-	262	3	1	35	52	-	1	3	
Alaska-----	-	-	-	-	12	-	-	-	2	-	-	-	
Hawaii-----	-	-	-	-	4	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	-	-	-	-	17	14	-	-	-	

²Data exclude report from Delaware for the current week.

Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1955-59, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	36th week ended Sept. 10, 1960	35th week ended Sept. 3, 1960	Adjusted average, 36th week 1955-59	Percent change, adjusted average to current week ¹	Cumulative, first 36 weeks		
					1960	1959	Percent change
TOTAL, 117 REPORTING CITIES-----	² 9,957	10,446	9,975	-0.2	² 416,817	407,051	+2.4
New England----- (14 cities)	624	635	654	-4.6	26,060	25,532	+2.1
Middle Atlantic----- (20 cities)	² 2,718	3,052	2,916	-6.8	² 115,469	117,122	-1.4
East North Central----- (21 cities)	² 2,392	2,229	2,293	+4.3	² 90,244	88,423	+2.1
West North Central----- (9 cities)	827	708	729	+13.4	29,149	28,028	+4.0
South Atlantic----- (11 cities)	² 797	800	859	-7.2	² 35,849	34,741	+3.2
East South Central----- (8 cities)	² 408	441	479	-14.8	² 18,852	18,327	+2.9
West South Central----- (13 cities)	² 781	861	876	-10.8	² 36,598	33,845	+8.1
Mountain----- (8 cities)	362	360	264	+37.1	13,067	11,316	+15.5
Pacific----- (13 cities)	1,048	1,360	1,306	-19.8	51,529	49,717	+3.6

¹Adjusted average used as base.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	36th week ended Sept. 10, 1960	35th week ended Sept. 3, 1960	Cumulative, first 36 weeks		Area	36th week ended Sept. 10, 1960	35th week ended Sept. 3, 1960	Cumulative, first 36 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	213	205	9,075	8,690	St. Louis, Mo.-----	280	218	8,976	8,507
Bridgeport, Conn.-----	38	28	1,478	1,440	St. Paul, Minn.-----	70	62	2,534	2,323
Cambridge, Mass.-----	32	27	1,133	1,017	Wichita, Kans.-----	41	32	1,663	1,731
Fall River, Mass.-----	20	31	1,022	1,024	SOUTH ATLANTIC:				
Hartford, Conn.-----	42	42	1,744	1,774	Atlanta, Ga.-----	105	119	4,279	3,967
Lowell, Mass.-----	21	25	870	833	Baltimore, Md.-----	210	214	9,101	8,754
Lynn, Mass.-----	26	24	874	845	Charlotte, N.C.-----	130	24	2,416	1,323
New Bedford, Mass.-----	23	32	885	868	Jacksonville, Fla.-----	34	58	2,173	2,088
New Haven, Conn.-----	33	46	1,625	1,627	Miami, Fla.-----	39	54	2,638	2,526
Providence, R.I.-----	54	52	2,296	2,350	Norfolk, Va.-----	28	30	1,466	1,430
Somerville, Mass.-----	12	13	485	469	Richmond, Va.-----	60	50	2,814	2,835
Springfield, Mass.-----	34	36	1,646	1,612	Savannah, Ga.-----	20	25	1,237	1,203
Waterbury, Conn.-----	23	25	992	985	St. Petersburg, Fla.-----	(53)	(62)	(2,592)	(2,307)
Worcester, Mass.-----	53	49	1,935	2,018	Tampa, Fla.-----	61	44	2,389	2,250
MIDDLE ATLANTIC:					Washington, D.C.-----	167	152	6,969	6,987
Albany, N.Y.-----	20	29	1,567	1,916	Wilmington, Del.-----	43	30	1,367	1,378
Allentown, Pa.-----	29	27	1,253	1,247	EAST SOUTH CENTRAL:				
Buffalo, N.Y.-----	136	127	5,293	5,221	Birmingham, Ala.-----	52	60	3,058	2,948
Camden, N.J.-----	40	42	1,541	1,485	Chattanooga, Tenn.-----	40	46	1,681	1,625
Elizabeth, N.J.-----	31	33	1,071	1,078	Knoxville, Tenn.-----	127	34	2,109	1,056
Erie, Pa.-----	31	33	1,407	1,534	Louisville, Ky.-----	181	82	4,102	3,993
Jersey City, N.J.-----	71	65	2,543	2,689	Memphis, Tenn.-----	86	84	4,056	4,028
Newark, N.J.-----	92	103	3,481	3,599	Mobile, Ala.-----	46	40	1,486	1,404
New York City, N.Y.-----	1,413	1,603	58,700	60,028	Montgomery, Ala.-----	17	29	1,243	1,169
Paterson, N.J.-----	43	42	1,391	1,396	Nashville, Tenn.-----	59	66	2,187	2,104
Philadelphia, Pa.-----	1,367	444	2,17,755	17,943	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	119	183	6,956	6,699	Austin, Tex.-----	32	30	1,258	1,139
Reading, Pa.-----	17	21	849	803	Baton Rouge, La.-----	125	15	2,104	978
Rochester, N.Y.-----	104	89	3,619	3,478	Corpus Christi, Tex.-----	17	21	876	761
Schenectady, N.Y.-----	20	26	866	911	Dallas, Tex.-----	99	96	4,529	4,241
Scranton, Pa.-----	39	33	1,356	1,322	El Paso, Tex.-----	29	38	1,390	1,335
Syracuse, N.Y.-----	57	59	2,225	2,241	Fort Worth, Tex.-----	39	59	2,421	2,276
Trenton, N.J.-----	30	36	1,488	1,568	Houston, Tex.-----	104	152	6,078	5,573
Utica, N.Y.-----	24	26	995	1,010	Little Rock, Ark.-----	39	56	2,073	1,945
Yonkers, N.Y.-----	35	31	1,113	1,154	New Orleans, La.-----	154	146	6,574	6,048
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	52	65	2,703	2,477
Akron, Ohio-----	60	56	2,052	2,119	San Antonio, Tex.-----	90	82	3,699	3,458
Canton, Ohio-----	37	31	1,261	1,207	Shreveport, La.-----	48	52	1,962	1,850
Chicago, Ill.-----	754	692	27,885	27,327	Tulsa, Okla.-----	53	49	2,021	1,764
Cincinnati, Ohio-----	154	122	5,659	5,741	MOUNTAIN:				
Cleveland, Ohio-----	176	202	7,636	7,562	Albuquerque, N. Mex.-----	33	35	1,127	1,088
Columbus, Ohio-----	140	102	4,267	4,216	Colorado Springs, Colo.-----	17	13	599	550
Dayton, Ohio-----	85	79	2,674	2,425	Denver, Colo.-----	87	153	4,282	4,156
Detroit, Mich.-----	316	281	12,377	11,873	Ogden, Utah-----	19	10	598	567
Evansville, Ind.-----	39	29	1,300	1,340	Phoenix, Ariz.-----	87	67	2,810	1,840
Flint, Mich.-----	34	42	1,443	1,434	Pueblo, Colo.-----	19	17	594	504
Fort Wayne, Ind.-----	38	49	1,350	1,302	Salt Lake City, Utah-----	47	44	1,773	1,769
Gary, Ind.-----	123	32	2,1,140	1,088	Tucson, Ariz.-----	53	21	1,284	842
Grand Rapids, Mich.-----	50	25	1,514	1,524	PACIFIC:				
Indianapolis, Ind.-----	115	128	5,280	5,032	Berkeley, Calif.-----	14	10	608	610
Madison, Wis.-----	30	29	1,146	1,071	Fresno, Calif.-----	(29)	(34)	(1,626)	(1,442)
Milwaukee, Wis.-----	131	117	4,495	4,589	Glendale, Calif.-----	(20)	(41)	(1,392)	(1,292)
Peoria, Ill.-----	38	29	1,078	1,049	Honolulu, Hawaii-----	38	45	1,490	1,368
Rockford, Ill.-----	23	22	1,039	1,001	Long Beach, Calif.-----	42	48	1,976	1,981
South Bend, Ind.-----	28	32	1,028	984	Los Angeles, Calif.-----	301	469	18,181	17,336
Toledo, Ohio-----	79	80	3,619	3,607	Oakland, Calif.-----	64	81	3,433	3,304
Youngstown, Ohio-----	42	50	2,001	1,932	Pasadena, Calif.-----	29	33	1,231	1,139
WEST NORTH CENTRAL:					Portland, Oreg.-----	117	105	4,000	3,994
Des Moines, Iowa-----	51	49	1,996	1,928	Sacramento, Calif.-----	44	56	2,086	1,992
Duluth, Minn.-----	37	18	922	898	San Diego, Calif.-----	61	108	3,245	2,915
Kansas City, Kans.-----	41	31	1,252	1,284	San Francisco, Calif.-----	115	187	7,104	6,984
Kansas City, Mo.-----	111	104	4,629	4,336	San Jose, Calif.-----	(18)	(40)	(1,258)	(907)
Lincoln, Nebr.-----	(28)	(22)	(946)	(931)	Seattle, Wash.-----	131	133	4,976	4,819
Minneapolis, Minn.-----	128	123	4,494	4,456	Spokane, Wash.-----	49	52	1,709	1,787
Omaha, Nebr.-----	68	71	2,683	2,565	Tacoma, Wash.-----	43	33	1,490	1,488

¹Estimated.

²Includes estimate for current week.

Morbidity and Mortality Weekly Report

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----

Quantity zero-----

Percent more than 0 but less than 0.05----- 0.0

Disease stated not notifiable----- *

Figures within parentheses not included in totals-- ()

If you do not desire to continue receiving this publication, please check here and return.

FIRST CLASS MAIL

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
 Public Health Service
 Washington 25, D. C.
 Official Business

POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF H. E. W.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.